

PAUL BASS

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ALLEGATIONS

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Reference Library

Reference Item One

Characteristics of Principal Tyre Marks

PRIVATE	SKID MARK	SCUFF MARKS			TYRE PRINT
		YAW	FLAT TYRE	ACCELERATION	
WHEEL MOTION	Slide, no roll	Roll and sideslip	Roll, no slip	Spin and slip	Roll, no slip
SHAPE	Straight	Curved, spiral	Steered, up to kms	Steered, up to 100m.	Straight or steered
NUMBER OF TYRES	4, 2, 3, 1	2, 1, 3, 4	1, rarely 2	1, 2	1, 2, 3, 4
Number of marks present from most common to least common					
RIGHT & LEFT	Equally dark	Outside darker	Usually one only	Equal, if two	Equal usually
FRONT & REAR	Front dark	Equal usually	Usually one only	Rear only	Equal usually
MARK WIDTH	Tyre tread	Varies from 25mm to 30cm	Tyre tread or some more	Tyre tread	Tyre tread
MARKS BEGIN	Quick	Gradual, faint	Very gradual and faint	Dark or gradual	Dark
MARKS END	Quick, dark	Dark	Dark	Very gradual	Gradual
DETAIL OF OBSERV.	Rib marks parallel. Outer edges often darker	Side rib marks and striations crosswise at start. Marks cross	Outside edges only. Sometimes scalloped	Rib marks parallel. Outer edges often darker	Tread pattern shows. No striations. interrupted

(Source: The Scientific Investigation of Motor Vehicle Collisions - Bill Keramidas. The Investigator, Issue 2, April-June 2000)